

REMARKS

Claims 18-24, 26-31 and 33-35 are presented for consideration, with Claims 18, 26, 27 and 33-35 being independent.

Editorial changes have been made to the specification. In addition, the abstract has been replaced to better reflect technical aspects of the claimed invention.

In the claims, Claims 18, 26, 27 and 33 have been amended to further distinguish Applicants' invention from the cited art. In addition, Claims 34 and 35 have been added to provide an additional scope of protection. Support for the claim amendments and new claims can be found on page 15, line 15, *et. seq.*, of the specification. Claims 1-17, 25 and 32 have been cancelled.

Initially, Claims 14-17, 25, 26, 32 and 33 stand rejected under 35 U.S.C. §112, second paragraph, as allegedly being indefinite. Without conceding to the propriety of this rejection, Claims 14-17, 25 and 32 have been cancelled. With respect to Claims 26 and 33, these claims have been amended and now clearly relate to a computer readable storage medium. All of the claims are thus submitted to be in full compliance with the particularity and distinctness requirement of the statute. Accordingly, reconsideration and withdrawal of the rejection under 35 U.S.C. §112, second paragraph, is respectfully requested.

Claims 14-17, 25, 26, 32 and 33 also stand rejected under 35 U.S.C. §101 for being directed to non-statutory subject matter. As noted above, Claims 14-17, 25 and 32 have been cancelled. Claims 26 and 33, also as noted above, now relate to a computer readable storage medium, and are thus submitted to be clearly directed to statutory subject matter.

Accordingly, reconsideration and withdrawal of the rejection under 35 U.S.C. §101 is respectfully requested.

Claims 1-33 stand rejected under 35 U.S.C. §103 as allegedly being obvious over the Feiner article in combination with Filo '498. This rejection is respectfully traversed.

Claim 18 of Applicants' invention relates to an image processing apparatus which is connected to a print unit adapted to print an image, and can output an image to be printed to the print unit. The apparatus includes an image sensing unit adapted to capture a real space image, a generation unit adapted to generate a virtual space image according to a viewpoint position and orientation of the image sensing unit, and a composition unit adapted to obtain a mixed reality space image by combining the captured real space image and the generated virtual space image. In addition, a display unit is adapted to display a mixed reality space image obtained by the composition unit, and an output unit is adapted to output a mixed reality space image, which is obtained by the composition unit, to the print unit in response to an input of a print instruction. As claimed, the generation unit generates a virtual space image to be displayed by the display unit according to a first procedure, and generates a virtual space image to be output by the output unit according to a second procedure which is different from the first procedure.

In accordance with Applicants' claimed invention, a high performance image processing apparatus can be provided.

The Feiner publication relates to a 3D mobile augmented reality system designed to combine augmented reality with mobile computing. In this regard, Feiner utilizes a handheld PC and a backpack PC, with both being connected to a network. The Office Action relies on Feiner, with respect to Claim 18, for teaching an image sensing unit, a generation unit,

and the ability to distribute data selection between the backpack PC and the handheld PC. A GPS position tracker provides continuous information for generating a mixed reality image.

The secondary citation to Filo relates to a virtual command post and depicts avatars in a virtual work environment. Filo is relied upon for teaching a print unit.

Even assuming, *arguendo*, Feiner and Filo could have been combined in the manner proposed in the Office Action, it is submitted that such a combination still fails to teach or suggest, among other features, a generation unit that 1) generates a virtual space image to be displayed by the display unit according to a first procedure and 2) generates a virtual space image to be output according to a second procedure which is different from the first procedure, as set forth in Claim 18 of Applicants' invention.

Claims 26 and 34 relate to a computer readable storage medium and a method, respectively, and correspond to Claim 18. These claims are thus also submitted to be patentable for the reasons discussed above.

Independent Claim 27 relates to an image processing apparatus that includes, among other features, a generation unit that generates a virtual space image to be displayed by the display unit according to a first procedure and generates a virtual space image to be output, based on a determination of whether or not a real space object is occluded by the virtual space image, according to a second procedure which is different from the first procedure. Claim 27 can thus be distinguished over the cited art for at least the same reasons discussed above. Claims 33 and 35 relate to a computer readable storage medium and a method, respectively, and correspond to Claim 27. These claims are thus also submitted to be patentable over the cited art.

Accordingly, reconsideration and withdrawal of the rejection of the claims under 35 U.S.C. §103 is respectfully requested.

Thus, it is submitted that Applicants' invention as set forth in independent Claims 18, 26, 27 and 33-35 is patentable over the cited art. In addition, dependent Claims 20-24 and 28-31 set forth additional features of Applicants' invention. Independent consideration of the dependent claims is respectfully requested.

In view of the foregoing, reconsideration and allowance of this application is deemed to be in order and such action is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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FCBS_WS 1916087v1